

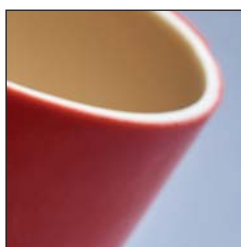
30202 SGM



Composite insulated gloves provide electrical, mechanical and arc-flash protection, and as such do not need to be combined with any other kind of glove with mechanical protection.

The Composite glove range is made using a natural latex base covered by an outer layer of polychloroprene, combining mechanical resistance and comfort with a high level of protection.

Arc flash protection: the glove material has excellent properties in case of electric arc occurrence.



CE IEC 60903
IEC 61482-1-2

Available in sizes: 7, 8, 9, 10, 11 and 12

Outside in red
and beige inside.

Code	Ref.	Class	Thickness (mm) max.	Working Voltage (V) max.	Proof test Voltage (V) max.	Size	Length (mm)	Category			
531110	SGM-25 T9	00	< 2.4	500 V AC	2.500 V AC	7*	360	RC			
531120	SGM-25 T10										
531150	SGM-50 T9	0	< 2.9	1.000 V AC	5.000 V AC	8*	410				
531160	SGM-50 T10										
531190	SGM-10 T9	1	< 3.4	7.500 V AC	10.000 V AC	9			RC		
531200	SGM-10 T10										
531230	SGM-20 T9	2	< 3.9	17.000 V AC	20.000 V AC	10				RC	
531240	SGM-20 T10										
531270	SGM-30 T9	3	< 4.2	26.500 V AC	30.000 V AC	11					RC
531280	SGM-30 T10										
531310	SGM-40 T10	4	< 4.8	36.000 V AC	40.000 V AC	12*		RC			
531320	SGM-40 T11										

Meaning of letters in 'Categories': A: Acid / Z: Ozone / H: Oil / C: Very low temperature / R: A+Z+H resistance.

*For sizes 7, 8 and 12 consult.

MECHANICAL AND THERMAL REQUIREMENTS

- Average tensile strength: ≥ 16 MPa
- Average elongation at break: $\geq 600\%$
- Tension set: $\leq 15\%$
- **Complementary test and performance levels to be achieved are as follows:**
- Resistance to cutting: > 20 mm and 5N, according to ISO13997 (equivalent to level 2 according to EN 388)
- Resistance to abrasion: $\geq 0,05$ mg/t
- Tearing resistance to: > 25 N (equivalent to level 2 according to EN 388)

- Resistance to penetration: > 60 N (equivalent to level 2 according to EN 388)
- Resistance to low temperature: conditioning of gloves for 1 hour at $-25 \pm 3^\circ\text{C}$.
- Flame-retardant test: Application of a flame for 10 seconds at a finger tip.



RECOMMENDED SIZE	9	10	11
Contour cm (measured with closed hand)	21	24	26